

ug093ft (SEQ ID NO: 747), ugl0lrcon (SEQ ID NO: 140), ug311cons (SEQ ID NO:763), ug371f (SEQ ID NO: 778), ug493ors (SEQ ID NO: 797), ug494cons (SEQ ID NO:798), ug503s (SEQ ID NO: 801), ug505ors (SEQ ID NO:803), ugs186oft (SEQ ID NO:808), or ugs194rs (SEQ ID NO:811).

2. (Once Amended) An isolated polynucleotide comprising a nucleotide sequence having a urogenital sinus-derived expressed sequence tag sequence at least 95% identical to a sequence comprising ug093ft (SEQ ID NO: 747), ugl0lrcon (SEQ ID NO: 140), ug311cons (SEQ ID NO:763), ug371f (SEQ ID NO: 778), ug493ors (SEQ ID NO: 797), ug494cons (SEQ ID NO:798), ug503s (SEQ ID NO: 801), ug505ors (SEQ ID NO:803), ugs186oft (SEQ ID NO:808), or ugs194rs (SEQ ID NO:811).

3. (Once Amended) An isolated polynucleotide encoding a polypeptide wherein, except for from one to five conservative amino acid substitutions, said polypeptide has an amino acid sequence that is identical to a polypeptide encoded by a urogenital sinus-derived express sequence tag comprising ug093ft (SEQ ID NO: 747), ugl0lrcon (SEQ ID NO: 140), ug311cons (SEQ ID NO:763), ug371f (SEQ ID NO: 778), ug493ors (SEQ ID NO: 797), ug494cons (SEQ ID NO:798), ug503s (SEQ ID NO: 801), ug505ors (SEQ ID NO:803), ugs186oft (SEQ ID NO:808), or ugs194rs (SEQ ID NO:811).

4. (Once Amended) An isolated polynucleotide comprising a nucleotide sequence containing the urogenital sinus-derived expressed sequence tag comprising ug311cons (SEQ ID NO:763).

12. (Once Amended) An isolated genetically engineered host cell containing the polynucleotide of claim 1.

13. (Once Amended) An isolated genetically engineered host cell containing the polynucleotide of claim 1 in operative association with a nucleotide regulatory element that controls expression of the polynucleotide in the host cell.

Please add new claim 44 as follows: